

0590
1009

#2

OIEP

#4

RAW SEQUENCE LISTING

DATE: 10/26/2001

PATENT APPLICATION: US/09/944,457

TIME: 09:39:53

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Output Set: N:\CRF3\10262001\I944457.raw

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1 <110> APPLICANT: Baker, Kevin
2 Botstein, David
3 Eaton, Dan
4 Ferrara, Napoleone
5 Filvaroff, Ellen
6 Gerritsen, Mary
7 Goddard, Audrey
8 Godowski, Paul
9 Grimaldi, Christopher
10 Gurney, Austin
11 Hillan, Kenneth
12 Kljavin, Ivar
13 Napier, Mary
14 Roy, Margaret
15 Tumas, Daniel
16 Wood, William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18 ACIDS ENCODING THE SAME
19 <130> FILE REFERENCE: P2548P1C1
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21 <141> CURRENT FILING DATE: 2001-09-26
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/944,457

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Output Set: N:\CRF3\10262001\I944457.raw

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RAW SEQUENCE LISTING

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TIME: 09:39:53

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Output Set: N:\CRF3\10262001\I944457.raw

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101 <211> LENGTH: 2454

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103 <213> ORGANISM: Homo Sapien

104 <400> SEQUENCE: 1

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107      ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
108      gtagtacatg gtggataact tctactttta ggaggactac tctcttctga 200
109      cagtcctaga ctggtcttct acactaagac accatgaagg agtatgtgct 250
110      cctattattc ctggctttgt gctctgcca acccttcttt agcccttcac 300
111      acatogcaact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
112      gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
113      tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
114      tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
115      ttaggtttga cctcagtcac aaccaacatt ccatttgata ctgcaatgct 550
116      tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
117      gactcacttc actttatggt ctgactctga acaacaacaa gctaacgaag 650
118      attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
119      gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
120      cagaactcag aattcatgaa aataaagtta agaaaatata aaaggacaca 800
121      ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaacctctc 850
122      tgataataat gggatagagc caggggcatt tgaaggggtg acgggtgttc 900
123      atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
124      ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
125      acttgaggat tttaaacgat acaaagaact acaaaggctg ggccctaggaa 1050
126      acaacaaaat cacagatatc gaaaatggga gtcttgctaa cataccacgt 1100
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143      cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
144      taaagccttc agtaaagtgt cattaccaac ttgataaatg ctactcataa 2000
145      gagctggttt ggggctatag catatgcttt ttttttttta attattacct 2050
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Input Set : N:\Crf3\temp\09944457.raw.txt

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149      cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
150      aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacata 2300
151      tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
152      gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
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157 <211> LENGTH: 379
158 <212> TYPE: PRT
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160 <400> SEQUENCE: 2
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164      20 25 30
165      Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
166      35 40 45
167      Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168      50 55 60
169      Pro Arg Ser His Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170      65 70 75
171      Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172      80 85 90
173      Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174      95 100 105
175      Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176      110 115 120
177      Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178      125 130 135
179      Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180      140 145 150
181      Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182      155 160 165
183      Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184      170 175 180
185      Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186      185 190 195
187      Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188      200 205 210
189      Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190      215 220 225
191      Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192      230 235 240
193      Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194      245 250 255
195      Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196      260 265 270

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Input Set : N:\Crf3\temp\09944457.raw.txt

Output Set: N:\CRF3\10262001\I944457.raw

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197      Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
198                      275                      280                      285
199      Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
200                      290                      295                      300
201      Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
202                      305                      310                      315
203      Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
204                      320                      325                      330
205      Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
206                      335                      340                      345
207      Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
208                      350                      355                      360
209      Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
210                      365                      370                      375
211      Asn Phe Gly Met
213 <210> SEQ ID NO: 3
214 <211> LENGTH: 20
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
219 <400> SEQUENCE: 3
220      ggaaatgagt gcaaaccctc 20
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223 <211> LENGTH: 24
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
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228 <400> SEQUENCE: 4
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232 <211> LENGTH: 50
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
237 <400> SEQUENCE: 5
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240 <210> SEQ ID NO: 6
241 <211> LENGTH: 3441
242 <212> TYPE: DNA
243 <213> ORGANISM: Homo Sapien
244 <400> SEQUENCE: 6
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247      cctccctccc tctccccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
248      ggccccgcgg gccccgtgc tgctcctcgg gctgctgctg ctccgctccc 200
249      ggccggcccc cggcgcgggc ccagagcccc ccgtgctgcc catccgtttc 250

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/944,457

DATE: 10/26/2001

TIME: 09:39:54

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